



18351 U.S. PTO

Patent  
Attorney Docket No. 019952-185

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER17548 U.S. PTO  
10/809547Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number 21839

Sir:

Enclosed for filing is the utility patent application entitled:

Energy Irradiation Apparatus

by the following named inventor(s):

Wataru KARINO; Akira SAKAGUCHI; and Hiroshi KIZUKURI

☐ Applicant(s) suggests Figure \_\_\_\_ for inclusion on the front page of the patent application publication and patent.☒ Applicant(s) requests that the published application include the following assignment information:  
Terumo Kabushiki Kaisha, Shibuya-ku, Tokyo, Japan☐ Small entity status is claimed.

Also enclosed are:

DRAWINGS: 19 sheets of formal drawings \_\_\_\_\_ sheets of informal drawings

DECLARATION: ☒ will follow ☐ executed, is enclosed ☐ unexecuted, is enclosedASSIGNMENT: ☐ is enclosed ☒ will follow

**CLAIM FOR  
PRIORITY  
UNDER  
35 U.S.C.  
§ 119 and/or  
365:**

☒ is made in the declaration ☐ is hereby made as follows

Country	Appl. No.	Filing Date MM-DD-YYYY
Japan	2003-089008	03-27-2003
Japan	2003-089009	03-27-2003

☒ certified copy(ies) enclosed

☐ certified copy(ies) will follow

**OTHER PAPERS:** ☒ A General Authorization for Petitions for Extensions of Time and Payment of Fees.

☐ An Information Disclosure Statement.

☒ An Application Data Sheet (ADS).

☐ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	25	MINUS 20 =	5	x \$18.00 (1202) =	\$ 90.00
Independent Claims	2	MINUS 3 =	0	x \$86.00 (1201) =	\$ 0.00
If multiple dependent claims are presented, add \$290.00 (1203)					\$ 0.00
Total Application Fee					\$ 860.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					\$ 0.00
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					\$ 0.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 860.00</b>

☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☒ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

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Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Filed: March 26, 2004

By Matthew L. Schenck Reg. No. 32,814  
for Platon N. Mandros  
Registration No. 22,124

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Karino, Wataru et al.

Application No.:

Filing Date: March 26, 2004

Title: Energy Irradiation Apparatus

Group Art Unit:

Examiner:

Confirmation No.:

GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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